
FOLIO

Dental Hygiene Clinic

The Dental Hygiene Clinic in room 2046 Dentistry-Pharmacy Centre is desirous of receiving more patients. The Clinic is open each weekday from 2 p.m. to 4:30 p.m. and can accommodate as many as forty patients in a single afternoon. The fee structure is \$6 for children and \$8 for adults, regardless of the number of visits.

To make an appointment, simply telephone 432-4151. A screening appointment which serves to indicate the patient's needs will be set up and will lead to a regular dental hygiene appointment.

The Clinic will remain open until 11 April. □



British Geographer to Speak on Great Outdoors of Homeland

J.T. Coppock, Professor of Geography and Director of the Tourism and Recreation Research Unit at the University of Edinburgh, will lecture at this University on Monday, 3 March. Dr. Coppock's topic is "Tourism and Nature Conservation in Great Britain."

The lecture is open to all and will commence at 8 p.m. in Lecture Theatre 1 of the Henry Marshall Tory Building. A question and answer period will follow.

Dr. Coppock is a Fellow of the British Academy and of the Royal Society of Edinburgh. He has written a large number of books, articles and research papers on the themes of tourism, recreation, resources and land use in Great Britain. In recent times he has turned his hand to such research projects as the economic and social well-being of communities in national parks and the impact of tourism on nature conservation. Dr. Coppock is also at work on the following texts: An agricul-

tural atlas of Great Britain, an analysis of farm structure in Great Britain, and land use problems in Great Britain.

He was active as a consultant to the Canada Geographic Information System in 1967 and to the Ministry of State for Urban Affairs, Ottawa, in 1974.

On the academic side, Dr. Coppock was Visiting Senior Lecturer in the Department of Geography, University of Ibadan, Nigeria, in 1963-64 and Visiting Professor at the Uni-

versity of Waterloo in 1972.

Dr. Coppock is Chairman of the International Geographical Union's Commission on World Food Problems and Chairman of the British National Committee for Geography.

His 3 March lecture is sponsored by the University's Departments of Recreation Administration, Geography, and Community Development and the Alberta Government's Department of Recreation and Parks. □

Strategic and Thematic Research Grants

In the 14 February 1980 issue of *Folio*, an article appeared titled "Federal Research Funds Raised." This article reported the substance of an announcement made on 31 January by the Minister of State for Science and Technology, at that time the Hon. Heward Grafftey, and the Secretary of State, at that time the Hon. David MacDonald. Now, while it may be hard to discern what effect the recent change in government may have on the increased levels of research funding announced in January, it is probable that the Social Sciences and Humanities Research Council will continue, as will the other Research Councils, to place some weight on "thematic" and "strategic" research to be conducted in areas of "national interest."

On the day that Messrs. Grafftey and MacDonald made their announcement, several members of the University's staff attended a National Conference on the Policy of Strategic/Thematic Research Grants in Ottawa. The following report, of interest to all who engage in research at this institution, has

been provided by the staff members who attended the conference. They were: E.A. Holdaway, IRP and Educational Administration; R.J. Crawford, Chemistry; Z.J. Hawrysh and N.C. Keating, Home Economics; A.N. Kamal, Physics; and B.G. Rules, Psychology.

On 31 January and 1 February 1980, approximately 165 scientists, research administrators, and interested others attend a national conference in Ottawa to discuss the recent policy changes outlined by two of the three federal research-funding councils. These changes involve the assigning by the National Sciences and Engineering Research Council (NSERC) and the Social Sciences and Humanities Research Council (SSHRC) of funds to support research which could be broadly classed as being in "the national interest." The Medical Research Council has had such a policy for several years. The conference was jointly organized by the Social Science Federation of Canada, the Canadian Federation of Biological Societies, the Canadian Association of Physicists, the Canadian Association of University Teachers, the Association of Universities and Colleges of Canada, and the Chemical Institute of Canada.

Stimulus for holding the conference came from the decision of SSHRC to become actively engaged in the funding of "thematic research." This initiative, which began in 1979 with funding of research related to "Aging" and "Research Resources" and which is planned to expand substantially over the next five years, aroused concern in many members of the Social Science Federation of Canada (SSFC). The SSFC decided that concerns associated with the policy of specifying areas for research support warranted the holding of a national conference at which the positive and negative views of scientists from all

disciplines could be expressed. Instead of "thematic research," NSERC uses the term "strategic research," while the Ministry of State for Science and Technology (MOSST) refers to "concerted research." However, these three terms may not be fully synonymous.

In its Five-Year Plan, SSHRC has identified ten possible theme areas for future funding: literacy and language, resource management, decision-making, biological revolution, Canadian studies, communications revolution, changes in the family, the role of third cultures, northern development, and regional disparities. The federal government has recently approved a proposed five-year budget for SSHRC which would assign the following amounts in constant 1979-80 dollars. (See Table A.)

NSERC uses the term "free research" rather than "independent research." (MOSST talks of "fundamental research.") The approved NSERC five-year budget includes these amounts in constant 1979-80 dollars. (See Table B.)

The Opening Session of the Conference was addressed by John Trent (SSFC Executive Director), David Low (Assistant Secretary, University Branch, MOSST), Gilles Julien (Executive Director, NSERC), John Nicholson (Executive Director, SSHRC), and James Roxburgh (Director, Grants Program, Medical Research Council). Workshops

dealing with effectiveness, implementation, and alternative approaches related to strategic/thematic research were conducted by John Cowan (Faculty of Medicine, University of Ottawa), Peter Forsyth (President, Canadian Association of Physicists), and Vaira Vikis-Freibergs (President-Elect, SSFC) after these three people had spoken to the entire group. The Closing Session was addressed by representatives of the three major political parties: Gerald Baldwin, Jean-Luc Pepin, and John Smart.

During these sessions, there were many questions and comments on a wide variety of aspects of the strategic/thematic grants approach. The representatives of MOSST and the three granting councils attempted to reassure participants that there was nothing sinister in the federal government's approach. They perceived that such an approach was in the interests of scientists and constituted one means of increasing the research funds available to Canadian scientists. (In fact, the 1980-81 grants to NSERC, MRC, and SSHRC have been increased by 35.0%, 17.4%, and 16.2% respectively over their 1979-80 levels.) However, a feeling of unease was apparent among at least some of the participants, and statements such as the following, in the November 1979 MOSST Background Paper, "A Rationale for Federal Funding of University Research," did nothing to remove this unease:

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page two, Folio, 28 February 1980

Table A

	1980-81	1984-85	Increase
Independent research*	\$17.95 m.	\$21.33 m.	19%
Strategic programs**	\$ 2.08 m.	\$ 9.82 m.	372%

* "Independent research" SSHRC funds include Research Grants (\$6.93 m. and \$7.74 m.), Leave Fellowships (\$4.25 m. and \$4.87 m.), Negotiated Grants (\$4.90 m. and \$4.90 m.), General Research Grants (\$1.41 m. and \$2.03 m.), and Post-doctoral Fellowships (\$0.46 m. and \$1.80 m.).

** "Strategic programs" includes thematic research and regional exchanges.

Table B

	1980-81	1984-84	Increase
Free research	\$72.4 m.	\$95.0 m.	31%
Strategic research	\$10.1 m.	\$33.7 m.	234%

"Priorities change with time as governments take action on major problem areas, but there are underlying problems, and opportunities which require long-term and sustained research effort. These are the appropriate ones for concerted research in universities." (Page 5.)

"The Federal Government has identified three main aims for the federal support of university research in the national interest:

- i) to support fundamental research . . .
- ii) to institute concerted research programs . . .
- iii) to support and develop research-trained manpower. . . ." (Page 8.)

"If existing efforts could be identified, managed and orchestrated in concerted programs towards national goals in a deliberate and planned fashion, a first move towards the establishment of concerted research could be established." (Pages 12-13.)

"A review of the role of university research is called for by the evolving public perception of the role of science in society and the emerging national role of R & D." Pages 18.)

The following ideas and questions were generated at the three workshops dealing with effectiveness, implementation and alternatives:

- (1) Provincial governments must provide the necessary funding to allow universities to employ staff, purchase equipment, and make physical alterations which will be required by the increased size of the research grants being awarded by all three federal councils. In this regard, the upcoming First Ministers' Conference should discuss university funding, and the Council of Ministers of Education should meet with representatives of the Canadian scientific community.
- (2) Will strategic/thematic grants achieve anything which is not attainable under the present system?
- (3) Support for "free research," properly indexed, must not be allowed to decline.
- (4) Wider representative consultation and cooperation among agencies is needed in establishment of research goals: "grass-roots scientists" must be involved.
- (5) The strategic/thematic programs must be evaluated retrospectively.
- (6) Scientists must defend against faddism, political interference, and patronage.
- (7) Scientists in the humanities feel left out from the SSHRC

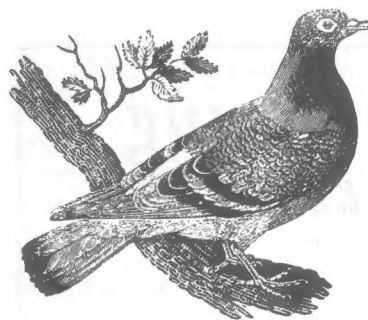
Pigeon Post

■ In view of the need you express for solutions to the problem with our urban-adapted friends, *Columbia Livia* (order Columbigormes) or "rock-dove," I would like to contribute some suggestions.

I have had the delight of being a breeder of common, fancy, and pedigreed pigeons and doves for close to 22 years. Before arriving here for PhD studies I operated (as a hobby) the Canadian Pigeon Research Centre, in Murillo, Ontario—just west of Thunder Bay. Most research conducted was socio-biological in that controlled experiments were undertaken to link social behavior patterns across generations (phenotypes), to sex-linked, dominant and recessive genotypic characteristics. Other studies focussed on testing in the field, several theories of "homing instinct." Results were published in *Feather Fancier*, Erin, Ontario.

The social behaviour of pigeons is similar to that of humans in

many ways (i.e., aggression, parenting, courting and promiscuity, territoriality), and for this reason they are continuing to be used in serious controlled and natural studies by scientists (e.g., Wilson at Harvard). The fact that common pigeons endear themselves to human settlements in many different countries, in urban and farm communities, and are easily made into "pets," supports the argument for the necessity



of man-animal symbiosis. In this case however, the natural environment of "wild" pigeons is becoming less and less the forests of Borneo, South America or British Columbia, and increasingly man-made environments. In this respect they are similar to dogs and cats; however, their dependencies are not (yet) total, as pigeons can still be seen to perform worthwhile "natural" functions in their new settings, e.g., cleaning up grain spillages at rail-yards and feed mills which would otherwise invite mice and rats. Survival is not dependent upon man's intervention.

No doubt the pigeons at Athabasca Hall continue to reside there because a) they have access to ample food supplies from humans or from seed-producing shrubs and trees; b) they are relatively free of predators (i.e., hawks, owls, cats, man); c) it provides excellent roosting and/or nesting arrangements. People usually don't like pigeons around

because they are messy (defecate about 25 times per day) and noisy (cooing, especially at night). As with any gregarious animal they are also prone to carrying various diseases and external or internal parasites. The latter trait is seldom a problem for man, except when contact is physical and continuous. Short of killing the birds by shooting or poison, most other options are futile (i.e., cost-prohibitive), and even killing them will only be a short-term treatment as others would soon move in from other parts of the campus or city. So, what to do?

In 1969, while a student at York University, I was commissioned by the Director of Power and Plant to do something about the proliferation of pigeons in and about the Murray G. Ross Building (Humanities). My accepted method was essentially to trap the pigeons and transport them far enough away (60 miles) to reduce their chances of returning. Specifically, the project consisted of the following steps:

- 1) determine where the greatest roosting-density of birds occurred;
- 2) construct a portable, collapsible cage (4'x4'x4', made of 2" chicken wire and 2"x2" lumber) with a landing perch and a non-exit "trap" (an entrance which allows only entry inside the cage);
- 3) strategically erect and place the cage on the roof of the building nearest the roosting spot, and place a water fountain and large feed-trough full of corn, wheat and/or barley, inside the cage on the floor;
- 4) place a small sprinkling of feed on the flat-board perch, in front of the trap entrance (note: trap should be at the front, about 3' up);
- 5) check the cage regularly (once a day) and replace feed on the trap; remove any birds inside the cage to a holding loft elsewhere on campus.

If no birds are caught within one week, place a live "decoy" inside the cage for a few days. Both his presence and/or the seed

sprinkled on the trap entrance should be sufficient to entice the others to enter through the trap bars (bars are $\frac{1}{2}$ "x8"x3" each; need about 8 of them spaced shoulder-width [of pigeon] apart). When many of the birds from Athabasca Hall are caught, there are several alternative courses of action: a) make a once-a-month transport of the captured birds to a distant location, e.g., open country about 20-50 miles away. These birds will not have been trained and it is unlikely they will find their way back. Release on a cloudy day, as this contributes to disorientation; b) kill

all captured birds (a total but debatable solution); c) collect all birds in a university holding loft (if one exists), treat with tetramycin or aureomycin, dust with lice powder, and proceed to use these birds as live/dead units for teaching or research in zoology, psychology, ornithology, etc.; and d) use all collected and disinfected birds for field study experiments of the migratory and/or homing "instinct."

The York University experiment worked. Perhaps it might work here too. Best of luck!

Terry L. Hill,
Sociology

Lutheran Campus Ministry

Paul Wee, General Secretary of the Lutheran World Ministry in New York, will be on a speaking tour of western Canadian universities in early March.

Dr. Wee has served as a lecturer in Theology at Mansfield College, Oxford University and Senior Representative of the Lutheran World Federation in Berlin. He has a unique vantage point from which to view the church's perspective and reaction to world events, as a result of his present position and past involvement with the churches of Namibia and the South-West Africa People's Organization.

"Images of hope in a Wounded World" is the title of a presentation to be given by Dr. Wee on Friday, 7 March at 3 p.m. in room 158A of the Students' Union Building. He will be speaking in Lister Hall on 8 March, at a dinner sponsored by the Lutheran Campus Ministry, and at the Lutheran Student Centre Sunday, 9 March at 7:30 p.m. on the topic "Kairos and Chronos: God Active in History."

For more information telephone Rev. Stephen Larson at 432-4513. □

coming events

Listings must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Listings should be sent to 423 Athabasca Hall.

Lectures and Seminars

MS Society

1 March. 1:30 p.m. The annual meeting of the Multiple Sclerosis Society of Canada, Edmonton Branch, with guest speaker S. Warren, Epidemiologist at the University's MS Research Clinic. Auditorium of the Dr. Angus McCugan Nursing Home, 10410 111 Avenue. For transportation, please telephone Ken Ashton, 467-5305, or the office, 424-6766.

Unitarian Fellowship

2 and 9 March. 10:30 a.m. Lansdowne Elementary School, 12323 51 Avenue.

Department of Biochemistry

3 March. 4 p.m. "The Important Sulfhydryl Groups of Succinyl Coenzyme A Synthetase," with speaker Jonathan Nishimura of

the University of Texas. 470 Medical Sciences Building.

Department of Pediatrics

3 March. 4 p.m. "Serotonin Transport and Inhibition by Imipramine," with speaker Gary Rudnick of Yale University. 2-115 Clinical Sciences Building.

Departments of Geography and Recreational Administration

3 March. 2 p.m. "Computer Mapping: The British Scene," with speaker J.T. Coppock of the University of Edinburgh. 3-36 H.M. Tory Building.

4 March. 11 a.m. "Relationships between Recreation Research, Policy and Planning," with speaker J.T. Coppock of the University of Edinburgh. E-120 Physical Education and Recreation Centre.

Canadian Institute of Ukrainian Studies

4 March. 12:30 p.m. "The Poetics of Stefanyk and Ukrainka: A Comparative Characterization," with speaker Yar Slavutych. The address will be delivered in Ukrainian. 352 C Athabasca Hall.

Public Lecture

4 March. 12 noon. "Visions of the Future," with speaker G. Nettler. This lecture is one of a series sponsored by the Faculty of Extension, the Department of Sociology, and the Edmonton Public Library. Music Room, Centennial Library.

Physics Colloquium

4 March. 3:30 p.m. "An Optical and Thermal Study of the Martensitic Phase Transition of ^4He ," with speaker J.P. Franck. V128 Physics Building.

Department of Botany

4 March. 4 p.m. "In Vitro Fertilization and Seed Development in *Papaver Nudicaule* L.," with speaker Randy Olson. M-149 Biological Sciences Building.

Department of Sociology

Brown Bag Seminar
5 March. 12 noon. "On Practical

Sociology," with speaker L. Kennedy. 5-15 H.M. Tory Building.

Department of Economics

5 March. 3 p.m. "The Distribution of Energy Revenues within Canada: Functional or Factional Federalism?" With speaker J. Helliwell. 8-22 H.M. Tory Building.

Department of English

5 March. 4 p.m. "Shakespearean Battle Conventions," with speaker J. MacIntyre. 5-20 Humanities Centre.

League of Canadian Poets and the Department of English

5 March. 12 noon. "The Four Horsemen." A sound/poetry performance with R. Barreto-Rivera, P. Dutton, and B. Nichol. AV L-3 Humanities Centre.

Entomology Seminar

6 March. 4:30 p.m. "Some Aspects of the Biology and Dispersion of *Gymnospais* (Diptera: Simuliidae); An Aberrant Mountain Black Fly," with speaker D. Currie. 62 Athabasca Hall Annex.

Energy Policy Analysis Seminar

6 March. 3:30 p.m. A discussion of Canadian Energy Policy with J. Helliwell. Sponsored by the Department of Chemical Engineering. 340 Chemical/Mineral Engineering Building.

Classics Seminar

6 March. 4 p.m. "On Dodging Funerals: Ezra Pound's Appreciation of Horace," with speaker Barry Mills. 1-8 Humanities Centre.

Philosophy Club

6 March. 3:30 p.m. "Credibility and Fallacy: Thoughts on *Ad Hominem*," with speaker Trudy Govien of Trent University. 4-29 Humanities Centre.

Comparative Literature Lecture

6 March. 4 p.m. "The Narcissistic Reader," with speaker Vera Calin,

Distinguished Visiting Professor.
Senate Chamber, Arts Building.

Department of Biochemistry

7 March. 2 p.m. "Crosslinking Studies on Nucleic Acid Structures and Topology," with speaker C.R. Cantor of Columbia University. 231 Medical Sciences Building.

Art and Design Lecture

7 March. 2:30 p.m. Bob Sinclair of Painting will talk about his work. 2-20 Fine Arts Building.

Campus Ministry

7 March. 3 p.m. "Images of Hope in a Wounded World," with speaker Paul Wee, General Secretary of Lutheran World Ministries. 158A SUB.

Poetry Reading

7 March. 12 noon. The "Bloom soliloquy" from James Joyce's *Ulysses*, with Jean MacIntyre. SUB Art Gallery.

Department of Classics

10 March. 12 noon. "Hellenistic and Roman Sardis," with speaker David Mitten of the Fogg Museum, Harvard. B-95 H.M. Tory Building.

4 p.m. "Sardis, the Capital of Croesus," with David Mitten. 1-8 Humanities Centre.

East European Studies Seminar

11 March. 3:30 p.m. "The Humanism of Population Policies in the Experience of Poland, the Soviet Union, and China," with speaker K. Krótki. 311 Athabasca Hall.

Public Lecture

11 March. 12 noon. Aging and Younging of Human Populations," with speaker P. Krishnan. This lecture is one of a series sponsored by the Faculty of Extension, the Department of Sociology, and the Edmonton Public Library. Music Room, Centennial Library.

Faculty of Arts

12 March. 8 p.m. "Günter Grass' *Tin Drum*, the picaresque novel

and criticism of society in the German contemporary novel," with speaker G. Marahrens. The sixth in a lecture series titled "The Novel in Contemporary Society." L-1 Humanities Centre.

Department Sociology Brown Bag Seminar

12 March. 12 noon. "Innovative Work Arrangements in Alberta," with speaker T. White. 5-15 H.M. Tory Building.

Population Studies Seminar

12 March. 3 p.m. "Collection of Data," with speaker C. Kinzel. The fourth in a series of Survey Research seminars organized by the Population Research Laboratory of the Department of Sociology. 14-6 H.M. Tory Building.

Department of Philosophy

12 March. 4 p.m. "Jokes, Art, and Intimacy," with speaker Ted Cohen of the University of Chicago. L-1 Humanities Centre.

Department of Botany

12 March. 4 p.m. "The Effects of Sub-Zero Temperature on Protein Metabolism of a Drought Tolerant Moss *Tortula Ruralis*," with speaker Lada Malek. M-149 Biological Sciences Building.

Public Reading

13 March. 12:30 p.m. "West Country," and "Deep Line," with Kevin Roberts. Sponsored by the Department of English and the Canada Council. AV 1-3 Humanities Centre.

Entomology Seminar

13 March. 4:30 p.m. "The Development of a Management Programme for the European Skipper, *Thymelicus lineola* (Ochs.), (Lepidoptera: Hesperiiidae)," with speaker Jeremy McNeil of the Université Laval. 62 Athabasca Hall Annex.

Central and East European Studies

13-15 March. The 1980 Conference of the Central and East European Studies Association of Canada. The theme is "The

Central and East European Community in Canada: Roots, Aspirations, Progress and Realities." For more information, please telephone 432-3230 or Co-chairman Mary Lobay at 434-1063.

Edmonton Public Library

Woodcroft Writers' Series

10 March. 7:30 p.m. Readings by Douglas Barbour and Stephen Scobie will be followed by an open stage when participants may read from their own writings.

Theatre

The Citadel Theatre

The Shoctor Theatre

To 16 March. "One Tiger To A Hill."

Théâtre Français d'Edmonton

Until 2 March. 8 p.m. "Les Deux Vierges." Faculté Saint-Jean Auditorium, 8406 91 Street.

Walterdale Theatre

11 to 22 March. 8 p.m.

"Travesties" by Tom Stoppard. Admission \$3.50 Mondays, Tuesdays, and Wednesdays; \$4 Thursdays, Friday, and Saturdays; \$2/children. Telephone 462-0721.

Music

Department of Music

All recitals will take place in the Convocation Hall, Arts Building. 4 March. 8 p.m. Voice students' recital.

5 March. 5 p.m. Marilyn Stetsko, soprano. 8 p.m. Brian Thurgood, percussion.

7 March. 8 p.m. Eileen Armstrong, organ.

9 March. 3 p.m. Art Song Interpretation. 5 p.m. Don Ross, clarinet.

10 March 5 p.m. John Jowett, trombone. 8 p.m. The University of Alberta String Quartet.

11 March. 5 p.m. Kathy Janakas, piano. 8 p.m. Margaret Bunkall, french horn.

12 March. 5 p.m. Maureen Crotty, flute. 8 p.m. Cherie Larson, violin.

Edmonton Symphony

1 March. 8:30 p.m. A concert with Claudio Arrau, pianist. Northern Alberta Jubilee Auditorium. Tickets available at Bass outlets.

Dance Presentation

9 March. 3 p.m. Marian Sarach and the Prairie Flowers Dancers will perform. Guest artists will include the Charles Dickens Singers and the Bayley/Creaghan Duo. Provincial Museum.

South Side Folk Club

8 March. 8 p.m. The South Side Folk Club Concert with Wheatland County from Calgary and Kenn Hamm from Thunder Bay. The Orange Hall, 104 Street and 84 Avenue. Tickets at Keen Kraft Music and the SU Box Office HUB. For information call 475-1042 or 475-2260.

Exhibitions

SUB Art Gallery

29 February to 10 March. Prints by David Denyse, Photomurals by David Buchan, and Studys [sic] by Mia Westerlund. Gallery hours: 11 a.m. to 5 p.m. weekdays; 1 p.m. to 5 p.m. weekends.

Ring House Gallery

2 to 31 March. "Primo Pensiero: First Thoughts," a travelling exhibition from the National Gallery of Canada. The exhibition is concerned with the inception of artistic creation, which is illustrated by works of art from the fifteenth century to the present day. Some 34 drawings will be presented by such masters as Dürer, Carracci, Tiepolo, Rembrandt, van Dyck, Boucher, Watteau, Matisse, Rouault, Toulouse-Lautrec, Romney, Whistler, Colville, Judd, and other well known painters. Gallery hours are 11 a.m. to 4 p.m. weekdays, 11 a.m. to 9 p.m. Thursdays, and 2 to 5 p.m. Sundays.

Solar Fair

2 March. 10 a.m. to 5 p.m.

An exhibition of devices and concepts designed to utilize solar energy or reduce energy consumption. Free admission. Corbett Hall.

Edmonton Public Library

5 to 31 March. "Maritime Moods," an exhibition of works by P.R.J. Chadwick. Foyer Gallery of the Centennial Library.

5 to 31 March. Photographs of dancers by Lauren Dale. Photography Gallery of the Centennial Library.

Films

Princess Theatre

28 February. 7 p.m. "Black Orpheus."

9:30 p.m. "Lisztomania."

29 February. 7 p.m. "Lisztomania."

9:30 p.m. "Last Tango in Paris."

National Film Theatre

28 and 29 February. 7:30 and 9:15 p.m. "The Picture Show Man" (Australia, 1976) and "Newsfront" (Australia, 1977).

2 March. 8 p.m. "Throne of Blood" (Japan, 1957).

5 and 6 March. 7:30 and 9 p.m. The best of the Cannes Festival Commercials (1979).

7 and 9 March. 7 p.m. and 7:30 p.m. respectively. "Czlowiek z Marmuru/Man of Marble" (Poland, 1976).

7 and 12 March. 9:30 p.m. and 7:30 p.m. respectively. "Panny z Wilka/The Young Ladies of Wilko" (France/Poland, 1979).

12 and 23 March. 9:30 p.m. and 7:30 p.m. respectively. "Zmory/Nightmares" (Poland, 1978).

For information on the above please telephone the Citadel Theatre, 9828 101A Avenue, 426-4811, extension 69. Admission is \$2.75 regular, \$2/students and senior citizens, and free for children (up to 12 years) when accompanied by an adult. Series tickets are available.

SUB Cinema

1 and 2 March. 7 and 9:30 p.m. "Moonraker" (USA, 1979) and "The Spy Who Loved Me" (UK, 1977).

10 March. 7 and 9:30 p.m. "Midnight Express." (UK, 1978).

11 March. 7 and 9:30 p.m. "Movie Movie" (USA, 1978).

Department of Germanic Languages

12 March. 7:30 p.m. "Triumph des Willens" (Germany, 1934). Free admission. 17 Arts Building.

Edmonton Film Society

3 March. 8 p.m. "Une Partie de Plaisir" (France, 1976). Admission by series ticket, \$6. SUB Theatre.

5 March. 8 p.m. "The Steel Helmet" (USA, 1950). Admission by series ticket, \$6. Tory Lecture Theatre.

10 March. 8 p.m. "Hands Across the Table" (USA, 1935). Admission by series tickets, \$6. Tory Lecture Theatre.

Edmonton Public Library German Film Festival

4 March. 8 p.m. "Lina Braake—oder: Die Interessen de Bank können nicht die Interessen sein, die Lina Braake hat!/Lina Braake, or: The Interests of the Bank Cannot be the Interests of Lina Braake" (1974).

11 March. 8 p.m. "Der aufrechte Gang/Walking Tall" (1976). Admission to both films listed is free. Centennial Library Theatre.

You Asked For It Series

8 and 9 March. 2 p.m. "Dial M for Murder" (1954). Centennial Library Theatre.

Radio and Television

Department of Radio and Television

29 February. 7 p.m. The Legal Maze: "The Law of Copyright, Part I." CKUA Radio (580 AM/95FM).

1 March. 7 p.m. University Concert Hall: "European Origins." A concert of "ethnic" music in Alberta. CKUA Radio.

2 March 7 a.m. Idealog. CKXM Radio (100.3 FM).

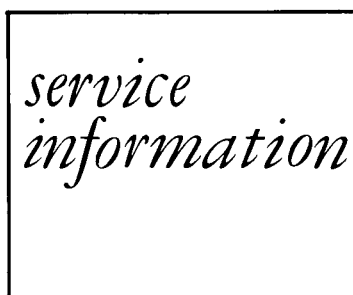
Department of Drama

28 March. 11:30 a.m. "Improvisation and Collective Creation," with P. Thompson. CKUA Radio.

University of the Air

7 March - 4 April. 6 a.m.

"Energy Futures for Canada," with D.W.R. Wilson. CTV Television (Channel 3, Cable 2).



Information must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Notices should be sent to 423 Athabasca Hall

Notices

Selection Committee for Dean of Pharmacy and Pharmaceutical Sciences

The GFC Nominating Committee is seeking nominations for one member of the academic staff from a faculty other than the Faculty of Pharmacy and Pharmaceutical Sciences, to serve on the above Selection Committee.

General Appeals Committee

A vacancy exists on the above Committee for a dean. Would those who have nominations, or who are interested in serving on either of the above Committees please contact the Secretary of the Nominating Committee at 2-1 University Hall, telephone 4715. It would be appreciated if a very brief vita could accompany any nomination.

Fat as a Food and Dietary Component

A two-day "update" seminar is planned for 30 and 31 May. This seminar will be interest to Home Economics graduates and to all those concerned with the effects of fats in their diet. The seminar is jointly sponsored by the E.L. Empey Lectureship Committee and the Home Economics Extension Committee at the University of Alberta. Proceeds from the seminar will be placed in the E.L. Empey Lectureship Fund, which was established in 1978, to honor the contributions made by Dr. Empey to the profession of Home Economics. Further information will be forthcoming as details and arrangements are completed.

Campus Law Review Committee 22 February 1980

Members will be meeting in Room 3-17 at 2 p.m. University Hall, when the Agenda will be as follows:

1. The role of the Secretary to the Discipline Law and Order Procedures.
2. A Handbook of Student Disciplinary Procedures.
3. Prescribed Penalties in Code of Student Behavior: Need for Revision.
4. General Review of Code of Student Behavior.
5. General Review of Procedures.
6. Other business.

Anyone wishing to make a written or personal submission should give notice of such intention to Mrs. L. Plaskitt, Room 2-1 University Hall—telephone 4715.

Overhead Projectors

The University has a number of overhead projectors available for teaching purposes that may be obtained through the Audio Visual Services Division of the Department of Technical Services. Most of the heavily used classrooms in central buildings now have overhead projectors, which are shared by all the users of the rooms.

Over the past month, a number of overhead projectors have been removed from their assigned rooms, greatly inconveniencing all the other users. We would ask that staff and students not remove overhead projectors from classrooms, and should anyone have one of the missing machines, it would be appreciated if they would return it to the room it was borrowed from. If this cannot be done, it would be appreciated if Audio Visual Services was called at 3923 and asked to pick up the projector.

We apologize to all our users for the inconvenience caused by the movement of overhead projectors, and hope that everyone will work together to bring this severe problem to an end. Should anyone find an overhead, marked "Technical Service" in a non-classroom area, a phone call (3923 or 2183) would also be appreciated.

Review of Extension Dean

Information about the administration of the Faculty is being solicited, as part of the normal process of performance review after five years in office. For further information, call the Office of the Vice-President (Academic): 432-3443.

Surplus Equipment

For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, consult Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

1972 Skidoo Model 440E. For information telephone D. Rutledge at 432-5668.

Tektronix 4010-1 Option 6. Tektronix 4921 Floppy Disc.

154-0662-10 Spare CRT for 4010.
Manual spare disc set for above.
For information telephone Dr. Adler
at 432-3986 or C. Campbell at
432-5875.

Heinicke Pulsonic Labware Washer.
For information telephone K.
Strynadka at 432-6379

Non-Credit Courses

Shape Up For Spring

Date: 24 March. Time: 20 sessions,
Mondays and Wednesdays. *Class limit:*
two classes, 40 and 30. *Fee:* \$50.
Registration: 228 Corbett Hall.

We Can Help—Dialogue with the Handicapped and their Families

Date: 5 March. *Class limit:* 35.
Fee: \$10. Telephone: 432-5069.

Working with Problem Adolescents

Date: 3 and 4 March. *Class limit:* 70.
Fee: \$40. Telephone: 432-5069.

Faculté Saint-Jean French Immersion for Professionals

Date: 12 to 30 May. *Fee:* \$150.
Telephone: 466-2196, ext. 33.

Centre for the Study of Mental Retardation Certificate Courses

Date: 4, 6, 11, 13, 18, 20, 25, and 27
March, 7 to 9 p.m. 15 March, 9 a.m.
to 12 noon, 22 March, 9 a.m. to
4 p.m. *Fee:* \$10. Telephone:
432-4439 or 432-4505.

Positions Vacant

Registered Nurse

Oncology Clinical Research

Required to work with a team
associated with investigational studies
in Radiation Oncology. Responsible
for the coordination of clinical toxicity
studies with investigational drugs.
Nursing functions include on-going
assessment and management of protocol,
patients, blood collection, and patient
teaching and support. Research
functions include the collection,
recording and analysis of data as well
as input into the development of new
clinical protocols.

Qualifications: Registered nurse.
Preferred, but not essential: 1. Nurse
practitioner experience. 2. Experience
in Oncology nursing. 3. Experience
with clinical research protocols. 4.
Experience with intravenous therapy,
audiometric testing and neurological
assessment. 5. Statistical background.

Salary: Negotiable.

Apply: Personnel Department, Cross
Cancer Institute, 11560 University
Avenue, Edmonton, Alberta. T6G 1Z2

Wage and Salary Coordinator

This position will involve the incumbent
in a wide range of challenging

programs. Responsibilities include
administering a job classification
system, maintaining a competitive
wage and salary structure, and the
administration of a performance
appraisal system for an employee
bargaining unit of 3,200. There is also
supervisory responsibility for a small
support staff.

Qualified candidates will be
university graduates preferably in
Commerce or the Social Sciences
with a minimum of three years directly
related experience in compensation
administration, preferably in a large
organization. Applicants must be knowl-
edgeable in the design and implemen-
tation of job evaluation systems, including
job analysis. The salary range is
\$19,698 to \$26,593 per annum with
appointment salary commensurate with
qualifications. An outstanding benefits
program is offered.

Interested persons are invited to
submit a comprehensive résumé to:
Personnel Services and Staff Relations
3rd Floor, Students' Union Building
114 Street and 89 Avenue
Edmonton, Alberta
T6G 2J7

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Administrative Professional Officer

The Department of History invites
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trative Professional Officer (APO) to
commence 1 July 1980. The University
of Alberta is an equal opportunity
employer.

Reporting to the Chairman, the APO
is responsible for the administrative
management of the Department,
including supervision of all non-
academic staff; preparation of budget,
time-table and statistics; organization
of registration; and otherwise assisting
the Chairman in all matters conducive
to the efficient operation of the Depart-
ment.

The position calls for someone with
intelligence, tact and initiative, capable
of working with and supervising others.

The initial salary is approximately
\$17,000 per year. Apply in writing,
giving full details of education, training
and experience, to: Dr. R.R. Hett,
Chairman, Department of History,
H.M. Tory Building, The University
of Alberta, Edmonton, Alberta
T6G 2H4

Non-Academic Positions

To obtain further information on the
following positions, please contact
Personnel Services and Staff Relations,
third floor, SUB, telephone 432-5201.
Please do not contact the department
directly. Positions available as of
22 February 1980.

Financial Records Clerk (\$764.41-
\$912.91)—Office of the Comptroller
Clerk Typist II (\$764.41-\$912.91)—
Rehabilitation Medicine
Dental Assistant I (part-time) (\$475.80-
\$569.52)—Dental Clinical Sciences

Dental Assistant I (term) (\$793.02-
\$949.20)—Dental Clinical Sciences
Clerk Steno II (\$793.02-\$949.20)—
Industrial and Vocational Education
Library Clerk III (\$822.72-\$984.39)—
Boreal Institute
Senior Clerk (part-time) (\$411.26-
\$492.20)—Academic Staff Association
Senior Clerk (\$822.72-\$984.39)—
Parking Services
Clerk Typist III (part-time) (\$5.00/hour)
—Student Affairs
Clerk Steno III (\$883.20-\$1,065.78)—R.S.
McLaughlin Examinations and
Research Centre (trust); Personnel
Services and Staff Relations
Clerk Steno III (\$441.60-\$532.89)
Geology (part-time)
Student Record Processing Clerk
(\$883.20-\$1,065.78)—Dean of Arts
Admission Records Trainee/Coordinator
(\$883.20-\$1,109.78)—Office of the
Registrar
Medical Steno (\$949.20-\$1,158.17)—
Psychiatry; Pediatrics; Pediatrics
(trust)
Secretary (\$984.39-\$1,205.47)—
Obstetrics and Gynaecology; Business
Administration and Commerce;
Medicine
Administrative Clerk (\$984.39-\$1,205.47)
—Personnel Services and Staff
Relations
Building Services Worker II (\$883.20-
\$1,065.78)—Housing and Food Services
Computer Assistant II (\$912.91-
\$1,109.78)—Computing Services
Electron Microscope Technician I
(\$984.39-\$1,205.47)—Pharmacology
(trust, term)
Technician I (\$984.39-\$1,205.47)
—Civil Engineering
Food Services Worker IV (\$1,021.79-
\$1,257.17)—Housing and Food Services
Draftsperson I (\$1,021.79-\$1,257.17)—
Physical Plant
Building Services Worker IV (\$1,065.78-
\$1,311.06)—Physical Plant
Assistant Buyer (\$1,065.78-\$1,311.06)
—Purchasing
Electronics Technician I/II \$1,065.78-
\$1,489.25)—Technical Services
Technician II (\$1,109.78-\$1,367.16)
—Chemistry
Publications Assistant II (\$1,109.78-
\$1,367.16)—Computing Services
Technologist I (\$1,109.78-\$1,367.16)—
Zoology (trust, term)
Farm Equipment Technician II
(\$1,109.78-\$1,367.16)—Animal Science
Technologist I/II (\$1,109.78-\$1,556.33)
—Home Economics
Biochemistry Technologist I/II
(Trust, Term) (\$1,109.78-\$1,556.33)
—Cancer Research Unit
Programmer/Analyst I (\$1,158.17-
\$1,427.65)—Administrative Systems
Plant Operator I (\$1,205.47-\$1,489.25)—
Physical Plant
Art Technician Demonstrator I
(Cutter/Seamstress) (\$1,205.47-
\$1,489.25)—Drama
Electronics Technician II (\$1,205.47-
\$1,489.25)—Technical Services
Electronics Technician II/III (\$1,205.47-
\$1,697.12)—Physics
Administrative Assistant (\$1,257.17-
\$1,556.33)—Housing and Food
Services

Applications Analyst (\$1,257.17-
\$1,556.33)—Registrar's Office
(two positions)
Technologist II/III (\$1,257.17-
\$1,711.92)—Civil Engineering
Interior Designer I (\$1,311.06-\$1,623.42)
—Purchasing
Typographical Tradesman III
(\$1,311.06-\$1,623.42)—Printing
Engineering Technologist III (\$1,367.16-
\$1,697.12)—Physical Plant
Art Technician Demonstrator II
(Carpenter) (\$1,367.16-\$1,697.12)—
Drama
Programmer/Analyst II/III (\$1,367.16-
\$2,021.59) Administrative Systems
(three positions); Physics
Technician IV (\$1,427.65-\$1,771.92)—
Plant Science (Farm Equipment);
Mineral Engineering
Biochemistry Technologist III (trust)—
(\$1,427.65-\$1,771.92)—Medicine
Biology Technologist III/IV (\$1,427.65-
\$2,021.59)—Genetics
Building Superintendent II (\$1,489.25-
\$1,850.00)—Physical Plant
Programmer/Analyst III (\$1,623.42-
\$2,021.59)—Computing Services
(two positions); Administrative
Systems
Controls Fitter (Instrument Mechanic)
\$2,109.47-\$2,204.40)—Physical Plant

*The following is a list of currently
available positions in the University of
Alberta Libraries. The bulletin board
in the Cameron Library—Room 512
should be consulted for further infor-
mation as to availability and position
requirements.*

Library Clerk III (\$822.72-\$984.39)
—Cataloguing
Programmer/Analyst III \$1,623.42-
\$2,021.59)—Systems
Programmer/Analyst IV (\$1,934.69-
\$2,420.85)—Systems

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Accommodations available

For sale—Garneau. 10921 81 Avenue,
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For sale—Riverbend. Attractive, four bedroom home with park in front and lots of trees and privacy in back. \$141,500 terrific! Call DeAnna Larson 481-0936 or 436-5250 Spencer Real Estate.

For rent—Deluxe studio—Maui. Panoramic view, tennis court, recreation centre, beach, totally self contained including washer/dryer. Will accommodate one couple. Available anytime May to September. References required. Phone 488-2671 after 6 p.m.

For rent—Palo Alto homeowner has had excellent experiences with University of Alberta visiting professors, would like to rent his house again to University of Alberta professor visiting Stanford in 1980-81. Please write: 1470 Pitman Avenue, Palo Alto, California or phone 415-327-4129 evenings if interested.

For sale—Charming two bedroom bungalow. Convenient University. Mortgage \$44,800, 11%. \$67,900. Joyce Byrne, Spencer Real Estate. 435-6064 res., 436-5250 bus.

For sale—Southgate/University area. Custom built, three bedroom bungalow 1,140 sq. ft., attached garage, partially developed basement, 2½ baths, Lendrum. By owner, \$94,500. Phone 434-2198.

For sale—By owner. Older, three bedroom home in Millcreek Ravine (99 St. and 84 Ave.). Original wood, well-insulated, fenced, good condition. Assumable mortgage 11¾%. Asking \$94,000. No agents. 432-5856, 439-2691 (evenings).

For sale—Heart of gold. Ideal starter home for young couple. Needs lots of care. Underneath the rough exterior lies a heart of gold, (solid foundation, good floors, etc.). Close enough to walk to University. Good terms can be arranged. Call Earl Scoville. 436-5080 res. 436-4488 A.E. LePage Melton.

For sale—By owner. Schaaf built, four bedroom, two bathrooms, bi-level in North Millwoods. Backs on to park, schools and playground. Close to shopping centre and bus. \$85,000. 462-2393.

For rent—Three bedroom bungalow. Two miles to University (Lendrum).

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For rent—Three bedroom home, fully furnished. Includes one car garage, landscaped yard, full range of appliances. Ten minute walk from University. Available 15 March. \$475 monthly plus utilities. Bill 436-5890.

For sale—Spacious, two bedroom condominium. Immaculate condition, professionally decorated. Southwest area. Direct bus route to University. Invest your renting dollars now. Owner anxious to sell. Inquiries 436-4240, 437-1612. Joy Murray, Block Bros.

For sale—By owner. Westend, 1,360 sq. ft., immaculate, two year old home. Three bedrooms. Ten minutes to University. Assumable \$54,000 mortgage at 10%. \$78,500. 483-9485 evenings.

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To buy or rent—Belgravia area. Four bedroom house for University family, from June. Phone 436-0181.

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Wanted older Datsun 510 or other Japanese car, working or not. 477-2908.

For sale—1966 Jaguar Mark II. Excellent. 477-7453.
1978 Ford E150 Chateau Cargo Van. Professionally finished with rear dinette sleeper. One way glass, Air, AM/FM cassette stereo, etc. Top shape. Only 22,800 miles. 435-6686.

Goods for sale

High quality electronic piano, \$1,200. Full 88 notes. Dean 432-3796, 436-1879. Wanted old color portable TVs. Call 477-2908.

Pentax camera system, many accessories. Al 423-0408.

Bad Water? Clean, chlorine and bacteria free drinking water. 15c a gallon. This is less than one tenth of the store price! Phone 439-0873 and find out why!

Three months old leather-bound Encyclopaedia Britannica. New \$999, asking \$800. Phone 466-1244 after 6 p.m. Seven piece oak bedroom suite by

Broyhill. Professional foldaway ping-pong table. All items new condition. 435-6686.

For sale—Dyed black muskrat lined winter coat. In good condition. Size 12. \$225 or best offer. Phone 435-6140 evenings.

Camera: Minolta Autocord Professional 2¼" medium format, built-in meter. Absolutely mint condition. \$250. 432-5093.

For sale—Electrohome spinet organ. Leslie, reverb, \$995. Don 467-6445, 432-4901.

Radial Arm Saw, B&D/Dewalt 10" shopmate, 12 amp motor. Asking \$225. John, 432-2105, 464-5101.

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